

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-13 (canceled)

Claim 14 (presently amended): ~~The invention according to claim 3 wherein~~ An exhaust aftertreatment filter comprising a housing extending axially along an axis between distally opposite first and second ends, a first port at said first end of said housing, a second port also at said first end of said housing, one of said first and second ports being an inlet, the other of  
5 said first and second ports being an outlet, said housing having an intermediate section between said distally opposite ends, said intermediate section having a given cross-sectional area A1 along a sectional plane transverse to said axis, an exhaust filter element in said intermediate section and entirely filling said given cross-sectional area A1 except for a smaller cut-out in said exhaust filter element of cross-sectional area A2, said exhaust filter  
10 element having a cross-sectional area  $A3 = A1 - A2$ , a transfer tube extending through said cut-out and communicating with said second port, said first port communicating with said exhaust filter element, wherein exhaust flows axially through said exhaust filter element between first and second distally opposite sides of said exhaust filter element, said first side facing said first end of said housing, said second side facing said second end of said  
15 housing, wherein exhaust flows axially through said exhaust filter element in one axial direction, wherein exhaust flows axially through said transfer tube through said cut-out in the opposite axial direction, wherein:  
said first side of said exhaust filter element communicates with said first port;  
said second end of said housing is closed, and exhaust flow reverses axial  
20 direction at said second end of said housing;

said second side of said exhaust filter element communicates through said flow reversal and said transfer tube through said cut-out with said second port;

said second end of said housing is closed by a removable cover permitting inspection and removal of said exhaust filter element from said housing without  
25 disassembling said inlet from said housing and without disassembling said outlet from said housing.

Claims 15-27 (canceled)

Claim 28 (presently amended): ~~The invention according to claim 17 wherein~~ An exhaust  
aftertreatment filter comprising a housing extending axially along an axis between distally  
opposite first and second ends, a first port at said first end of said housing, a second port also  
at said first end of said housing, one of said first and second ports being an inlet, the other of  
5 said first and second ports being an outlet, said second end of said housing being closed, a  
transfer tube extending axially in said housing and defining a central flow channel within  
said transfer tube, and defining an annular flow channel within said housing and  
concentrically surrounding said transfer tube and said central flow channel therein, an  
annular exhaust filter element in said annular flow channel, said annular exhaust filter  
10 element having a central cut-out receiving said transfer tube therethrough, wherein exhaust  
both enters and exits said housing at said first end at said inlet and said outlet, respectively,  
and wherein exhaust flows axially through said annular flow channel and said exhaust filter  
element in one axial direction, and wherein exhaust flows axially through said central flow  
channel and said transfer tube and said cut-out in the opposite axial direction, wherein  
15 exhaust flows axially in said annular flow channel through said exhaust filter element  
between first and second distally opposite sides of said exhaust filter element, said first side  
facing said first end of said housing having both of said first and second ports, said second  
side facing said second closed end of said housing, said exhaust flow reversing axial  
direction at said second closed end of said housing, said second end of said housing is closed

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Amendment dated

Reply to Office action of January 20, 2004

- 20 by a removable cover permitting inspection and removal of said exhaust filter element from said housing without disassembling said inlet from said housing and without disassembling said outlet from said housing.

Claim 29 (canceled)

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Amendment dated  
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**Amendments to the Drawings:**

The attached sheet of drawings includes changes to Fig. 3. This sheet, which includes Fig. 3, replaces the original sheet including Figs. 1-3. In Fig. 3, reference numeral 38 (right hand occurrence) has been changed to --37--, to correct a double reference character and to conform with the specification as above amended.

Attachment: Replacement Sheet